

Ohio Agricultural Experiment Station

CIRCULAR NO. 62.
WOOSTER, OHIO, NOVEMBER 10, 1906.

FARMERS' INSTITUTES.

The following named members of the Station staff are prepared to assist at a limited number of farmers' institutes during the coming season. No *per diem* is charged for this service, but it is expected that necessary traveling expenses from Wooster to the institute and return will be refunded.

C. G. WILLIAMS, Agronomist.

1. The selection of seed corn.
2. Corn breeding.
3. Some methods of improving farm crops.
4. Alfalfa culture in Ohio.
5. The Soy bean crop and its uses.
6. Wheat experiments.
7. Fertilizer and manure experiments.
8. Some Ohio rotations.

A. D. SELBY, Botanist.

1. Bad seeds and weeds.
2. Diseases of cultivated plants and their prevention. (Each 20 to 25 minutes. Two sub-topics may be chosen for one session if desired).
 - a—The smut of grain.
 - b—Diseases of the apple.
 - c—Diseases of the plum and cherry.
 - d—Diseases of the peach.
 - e—Potato blight and potato rot.
 - f—Cucumber, melon and tomato diseases.
 - g—Muck garden troubles of cabbage, onions and celery.
 - h—Grape rot and other vineyard troubles.
3. Making new varieties of wheat and oats by cross breeding.
4. The tobacco breeding work of the Station.
5. Corn breeding.
6. Notes of travel (Night).

(Mr. Selby very much prefers to limit work to a SINGLE DAY and no night speaking).

H. A. GOSSARD, Entomologist.

1. The entomological program in agricultural and horticultural practice.
5. Vegetable insects.
4. Insect control. Discussion in methods of combatting any of the following:
 - a*—San Jose Scale.
 - b*—Codling Moth.
 - c*—Hessian Fly.
 - d*—Grapeberry Worm.
 - e*—Oyster Shell Scale.
 - f*—Scurfy Scale.
 - g*—Plant Lice.
 - h*—Plum Curculio.
 - i*—Peach Borer.
 - j*—Canker Worm.
5. Insects of Live Stock.
6. Insects of shade, forest and ornamental trees.
7. Insects affecting the cereal grains.
8. Insects of Forage Crops.
9. Magic lantern illustrations of life-histories of important insects and methods of combatting them.

B. E. CARMICHAEL, Animal Husbandman.

1. Better livestock for the farmer.
2. Some problems in meat production.
3. Some essentials in dairying.

J. S. HOUSER, Assistant Entomologist.

1. The use of the sulphur spray against San Jose Scale.
2. The Codling moth or apple worm.
3. The Grapeberry worm.
4. Shade tree insects.
5. Sprays and spraying.

J. M. VAN HOOK, Assistant Plant Pathologist.

1. How plants get their food from the soil.
2. How plants get their food from the air.
3. Fungi—What they are and how they cause disease in plants.
4. Early and late blight of potatoes.
5. Rusts and smuts of cereals.
6. Brown rot—Its effect on fruit, leaves and twigs of stone fruits.

C. W. WAID, Assistant Horticulturist.

1. The present and future of the apple industry in Ohio.
2. Potato culture and varieties.
3. Agricultural education. (night).
4. Essentials to success in the forcing house industry.
5. The growing of forest trees for posts, poles and other purposes.

F. H. BALLOU, Assistant Horticulturist.

1. Cover-crop culture of orchards.
2. Grass-mulch culture of orchards.
3. Varieties of fruits for the farmer.
4. The A. B. C. of grape training.
5. The A. B. C. of pruning.
6. Spraying for Codling worm.
7. Beautifying the home grounds. (night).
8. A half dozen acres. (night).

C. H. KYLE, Assistant Agronomist.

1. The culture of alfalfa.
2. The value of alfalfa as a feed.
3. The enemies of alfalfa and their control.
4. Principles of soil management.
5. The relation of organic matter to the fertility of the soil.

EDMUND SECREST, Assistant Forester.

1. The farm woodlot.
2. The chestnut and oak as farm productions

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